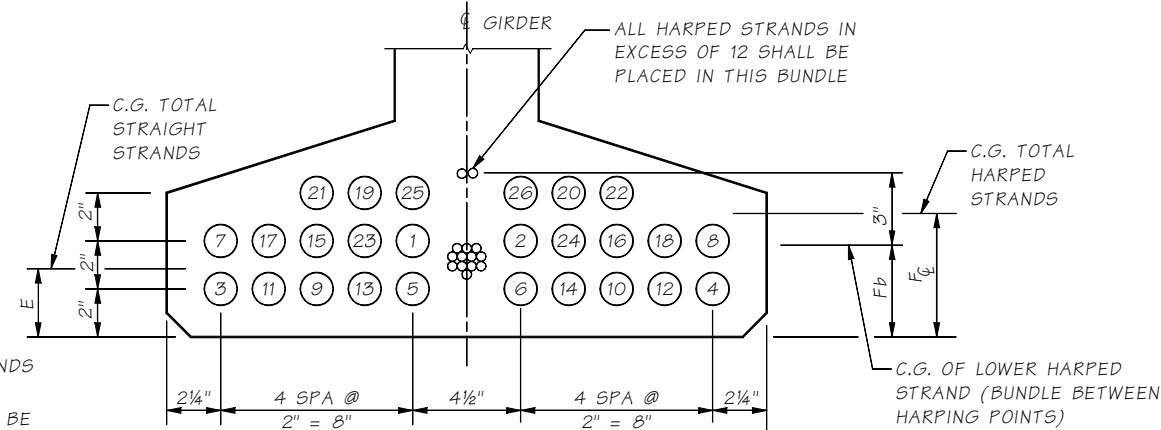


STRAND PATTERN AT GIRDER END

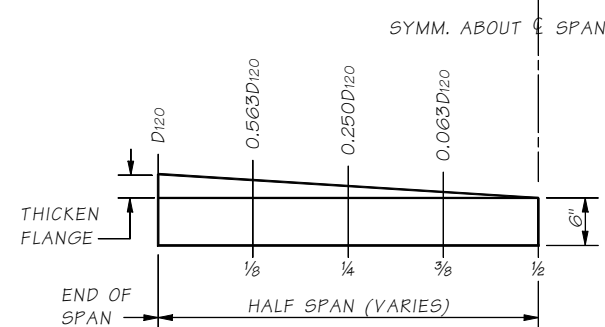
HARPED STRAND LOCATION SEQUENCE SHALL BE AS SHOWN (1), (2) ETC.

Girders with ultimate camber values smaller than 3/4" are exempt from this requirement. Flange thickening shall be used only if needed by design.



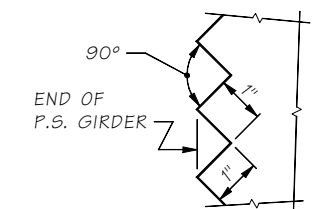
STRAND PATTERN AT C SPAN

STRAIGHT STRAND LOCATION SEQUENCE SHALL BE AS SHOWN (1), (2) ETC.



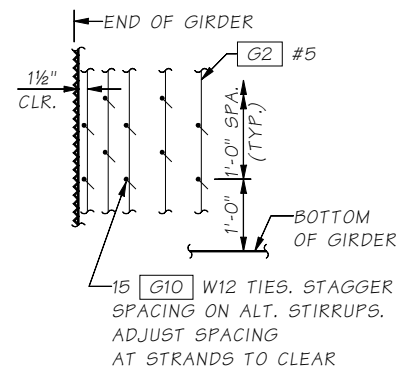
GIRDER FLANGE THICKENING

THICKEN FLANGE TO COMPENSATE FOR CAMBER DUE TO PRESTRESS. FLANGE THICKNESS SHOWN IS AT C OF SPAN. FOR FLANGE THICKNESS ALONG GIRDER SEE GIRDER FLANGE THICKENING DETAILS ON BR. SHEET .

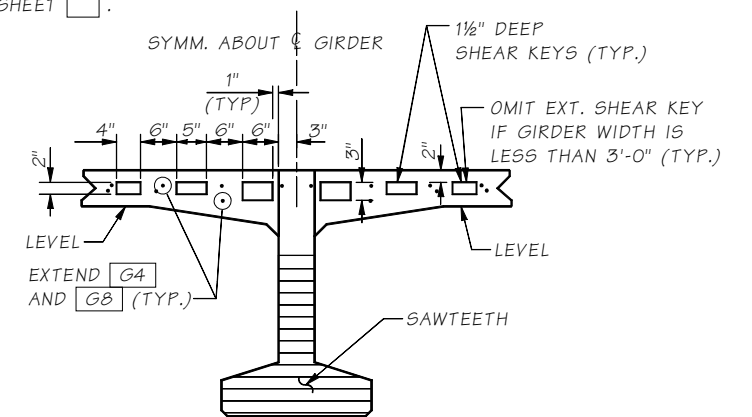


SAWTOOTH DETAILS

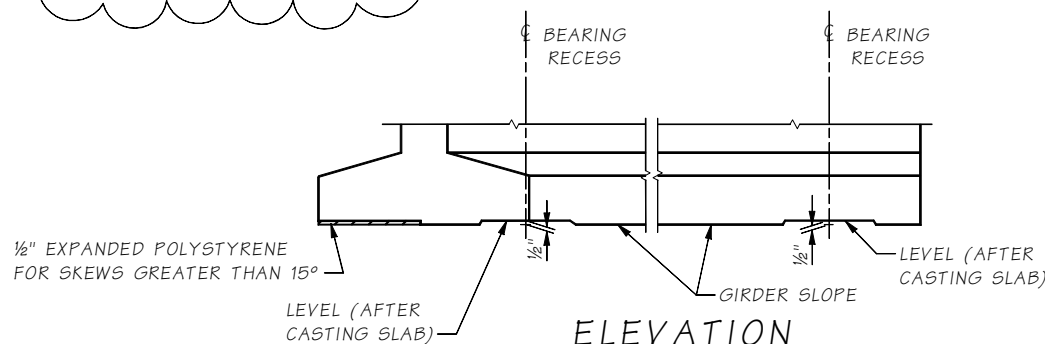
SAWTEETH ARE FULL WIDTH - USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRAND AS WELL AS TOP FLANGE ADJACENT TO HARPED STRANDS AS SHOWN IN VIEW B - GIRDER DETAILS 1 OF 2



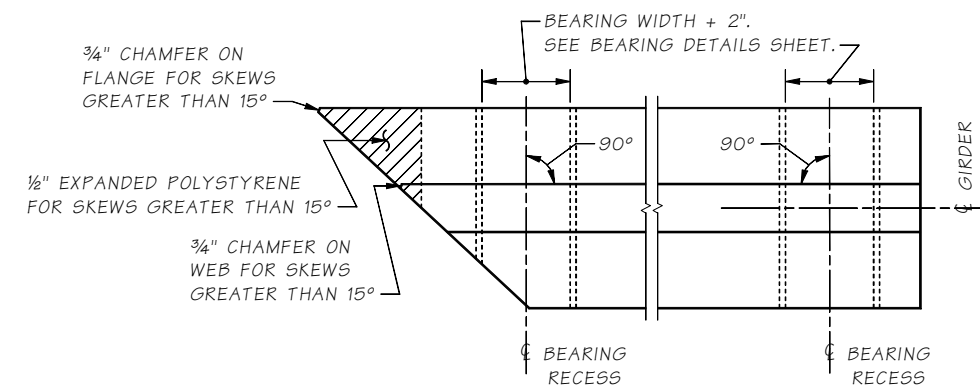
TIE SPACING DETAIL



GIRDER END AT END PIERS



ELEVATION

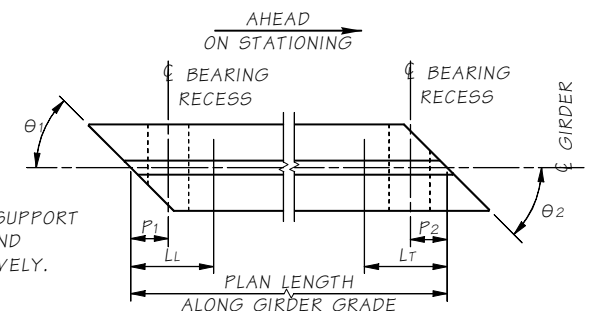


BEARING RECESS AND BOTTOM FLANGE SPALL PROTECTION DETAIL

NOTE: Dimensions shall be shown in Imperial units to the nearest 1/8th inch.

The number of harped strands should not exceed 1/2 of the number of straight strands.

NOTE: LL and Lt are SHIPPING SUPPORT LOCATIONS AT LEADING AND TRAILING ENDS, RESPECTIVELY.



GIRDER SCHEDULE

DIMENSION "A" AT C BEARINGS =												BASED ON GIRDER DEFLECTION = "D" AT TIME OF SLAB PLACEMENT (120 DAYS)											
SPAN	GIRDER	END 1 TYPE	END 2 TYPE	L	LL	LT	θ <sub>1</sub> (DEG.)	θ <sub>2</sub> (DEG.)	P <sub>1</sub>	P <sub>2</sub>	PLAN LENGTH (ALONG GIRDER GRADE)	MIN. CONC. COMP. STRENGTH		HARPED		STRAIGHT		LOCATION OF C.G. STRANDS				CAMBER	
												@ FINAL F/C (KSI)	@ RELEASE F/C (KSI)	NO. OF STRANDS	JACKING FORCE (KIPS)	NO. OF STRANDS	JACKING FORCE (KIPS)	E	F <sub>C</sub>	F <sub>b</sub>	F <sub>o</sub>	D <sub>40</sub>	D <sub>120</sub>
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Bridge Design Engr.	M:\STANDARDS\Girders\Deck Bulb Tee\W41DG2.man	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

BRIDGE AND STRUCTURES OFFICE			STANDARD PRESTRESSED CONCRETE GIRDERS	BRIDGE SHEET NO.		
				SHEET		
				OF SHEETS		
W41DG DECK BULB TEE GIRDER DETAILS 2 OF 2						